

### DEPARTMENT OF MECHANICAL ENGINEERING

# INDIAN INSTITUTE OF METALS (IIM) –KALPAKKAM CHAPTER &

## **INSTITUTION'S INNOVATION COUNCIL (IIC)**

## **Report – Webinar on "Nanomaterials and its Future Aspirations in Engineering"**

18<sup>th</sup> May 2021

Resource person:Dr.S. Imran Hussain,<br/>Senior Research Fellow,<br/>Department of Applied Science & Technology,<br/>AC Tech Campus,<br/>Anna University, Chennai.Participants: 97

Department of Mechanical Engineering in association with Indian institute of metals (IIM) Kalpakkam chapter & Institutions Innovation Cell(IIC) organised a Webinar on the topic "Nanomaterials and its Future Aspirations in Engineering" on 18<sup>th</sup> May 2021.

#### The topics covered in Webinar

- Introduction and origin of nanomaterials.
- Types of nanomaterials based on size and properties
- Synthesis and characterisation of nanomaterials
- Various applications of nanomaterials in engineering field.
- Research undergoing on nanomaterials.
- Significance of nanomaterials.

#### Webinar Outcome

- Students understood the importance and different types of nanomaterials.
- Preparation of nanomaterials.
- Application of nanomaterials in research and industries.
- Importance of nanomaterials in engineering field.

The Webinar was coordinated by Mr.A.Senthilkumar, Assistant professor Grade-II.Prof L.Prabhu VP (Administration) and HOD Mechanical department given the presidential address. The chief guest introduction was given by Mr.A.Senthilkumar, Assistant Professor Grade-II department of mechanical engineering.





